

Detroit Catholic Central Shamrock Quiz Bowl Camp
High School Tournament

Round 1

1. <FW> These people believed that warriors could eventually become butterflies and travel between heaven and earth. This myth system saw the Four Hundred Southerners get killed in an incident in which one deity decapitated his sister and threw her head into the sky to become the moon. This myth system reveres a deity known as the left-handed hummingbird and another god in this myth system was represented by a smoking mirror. The underworld of this myth system was named Mictlan and one of the chief gods of this mythology was conceived after his mother was impregnated by a ball of feathers. Huitzilopochtli, the war god of this myth system was worshipped at Temple Mayor along with Tlaloc. For the point, name this myth system that worshipped the “feathered serpent” Quetzalcoatl.

ANSWER: Aztecs

2. <IM> In 2012, this player was in contention for a position on the Australian team for the Olympics, but he elected not to represent his nation of birth and chose to play for the US national team in 2016. Although this man only played 11 games for Duke, he was selected with the first overall pick in 2011. In his rookie year, this player became the only unanimous selection to the NBA All-Rookie First Team. In game 7 of the 2016 finals, this player hit a three-pointer that propelled his team to win its first championship ever. In July 2017, this man requested for his team to trade him because he wanted to be more of a focal point of his own team. In 2014, this player formed a Big Three with Kevin Love and LeBron James. For the point, name this basketball player for the Boston Celtics who claims that the world is flat.

ANSWER: Kyrie Irving

3. <JF> This organization used the Strength Through Joy program for its workers. It also used the newspaper Volkisch Observer. One headquarters of this group was at the Brown House, and members of it created the ODESSA Network. This organization also financed and built the autobahn during its time in power. It held the Wannsee Conference, and it awarded the Cross of The Honor of The Mother for giving birth to lots of children. This political party banned the books of author John Dos Passos because he was an “untermensch”. Early in its lifetime, it used the Brownshirts as a paramilitary force. For the point, name this German Political party led by Adolf Hitler.

ANSWER: Nazi Party

4. <CS> This quantity is kept constant by EDTA and Tris and this quantity is found on the Pourbaix diagram on the x-axis. The Hammett function can be used to find this quantity which can also be found using the isoelectric point of a molecule. Estimated with the Henderson-Hasselbalch equation, this quantity causes phenolphthalein to shift color. Another common way to calculate this quantity is taking the negative log of hydrogen ions and the change of it is resisted by buffers. For the point, name this quantity that ranges from 0 to 14 which is under 7 in acidic solutions.

Answer: pH

5. <GD> In one story by this author, Simon Wheeler tells a story about a title creature who is filled with quail shot. In addition to that work about Leonidas Smiley, this author wrote another work in which characters witness a murder while trying to cure warts. This author of, The Celebrated Jumping Frog of Calaveras County created the characters of the Duke and the Dauphin in his most famous work. In that same work, the title character travels down the Mississippi with the slave Jim. For the point, name this American author of Huckleberry Finn.

ANSWER: Mark Twain

6. <DD> In one of these works, a section known as “chocolate” is often accompanied by brown or red costumes, symbolizing the culture of Spain. Maria Tallchief, an aging woman who showed her talent in these types of artworks was featured in one of these works by Anthony Tudor named Lilac Garden. In one of these works by Sergei Prokofiev, Prince Ivan decides to spare the life of the titular creature. These works, whose “en pointe” technique is assisted by blocks near the toes, was made “classical” by Marie Taglioni. In this art form, the participants must know how to do movements like Relevé, Échappé, and Croisé, along with the five foot positions. For ten points, name these works for a certain kind of dance, exemplified by The Nutcracker, Sleeping Beauty, and The Firebird.

ANSWER: ballets

7. <PS> Karlfried Graf Durckheim popularized a sect of this religion in Nazi Germany, and the ruler who convened this religion’s Third Council sent religious missionaries to King Amiyoko. Before converting to this religion, one man constructed a torture chamber that looked like a palace on the outside, known as his namesake “hell.” The Bactrian and Kushan empires both patronized this religion heavily, and this religion follows the Middle Way better known as the Eightfold Path. One sect in this religion follows the Pali Canon, and another sect uses koans to tell stories. For the point, name this religion founded by Siddhartha Gautama whose sects include Theravada and Mahayana and whose followers attempt to become Bodhisattvas or reach nirvana.

ANSWER: Buddhism

8. <JF> William Wirt wrote “Sketches of the life and Character of” this man. This politician sent George R. Clark to Illinois country while serving as governor in his home state. He was imprisoned for five months for Public Disturbance by Archibald Clay. He participated in the Parson’s Cause, against Reverend James Maury. This man represented Hanover County in that court case. He helped create the Committees of Correspondence along with Richard Henry Lee, and he declined John Adams invitation to be special Ambassador to France. One quote by this man states that “Caesar had his Brutus, Charles 1st his Cromwell.” For the point, name this revolutionary Virginian politician who stated “Give me Liberty or give me Death”.

ANSWER: Patrick Henry

9. <CS> These substances match can be subject to a random walk model at a certain point and these substances can be described by through a change in Gibbs free energy when mixing according to the Flory-Huggins solution theory. Alkenes can be made into these substances through titanium-aluminum catalysts called Ziegler-Natta catalyst. Produced through step-growth and chain-growth, these compounds are commonly created through ethylene. Examples of them include PVC and one made of carbon and fluorine, Teflon. For the point, name these compounds that are made up of monomers.

Answer: Polymers

10. <DD>The style of this work was later reused by its artist in this work The Charnal House. The original exhibition of this work was displayed alongside a mercury fountain by Alexander Calder. During a press conference at the United Nations, a copy of this painting that was woven into a tapestry was covered as it hung behind Colin Powell. This painting, which depicts a wailing bird located above a horseshoe, shows a man being burned alive on its right side. In this painting, the similarity between the words “light bulb” and “bomb” served as the inspiration for an eye-like focal point of this painting. A screaming woman clutches her dying child in this work, which also includes a convulsing horse and bull. For ten points, name this painting about the destruction of the titular spanish town, by Pablo Picasso.

ANSWER: Guernica

11. <RC> On this country’s eastern border, one can find Lake Prespa and Lake Ohrid, and this nation is divided roughly in half by the Shkumbin River. This country’s independence was declared from its city of Vlore, and more than 750,000 hemispherical concrete bunkers were constructed by a communist leader of this country. This country, whose native language is split into the Gheg and Tosk dialects, is home to the port city of Durres. Its city of Sarande lies just north of another country’s island of Corfu, and this nation’s westernmost point lies across the Strait of Otranto from Italy. This country is bordered to the north by Montenegro and Kosovo, to the east by Macedonia, and to the south by Greece. For the point, name this Balkan nation once governed by Enver Hoxha from its capital of Tirana. (138)

ANSWER: Albania

12. <CS> In this author’s *The Eighteenth Brumaire of Louis Napoleon*, he applied his ideas to the takeover of Napoleon III while also criticizing Napoleon as a “grotesque mediocrity.” Another work of his focuses on a work from Bruno Bauer, *The Jewish Question*, in which he talks about a secular state. This writer of *The Critique of the Gotha Program* said that money is the “universal measure of value.” This former young hegelian stated that “philosophers have only interpreted the world; the point is to change it.” He split labor into “abstract” and “concrete” forms in his labor theory of value. He created the concept of commodity fetishism which he described as the relationships involved in producing material goods. For the point, name this sociologist who wrote *Das Kapital* and *The Communist Manifesto*.

ANSWER: Karl Marx

13. <JF> Prior to this event, Operation Fortitude North and South was carried out. It was signalled to some by playing two lines from Verlaine's Autumn Song. This event was almost compromised by a Daily Telegraph crossword puzzle. Hobart's Funnies were designed specifically to help in this event, and Mulberry Harbors were also created to help in this event. Before it began, General George Patton was given command of the fake First US Army Group. This battle included an airborne attack on Pegasus Bridge and Sainte Mere Eglise. Erwin Rommel was in charge of one side's defenses before it, and it was also known as Operation Overlord and Operation Neptune. For the point, name this Allied attack and beach landing in Normandy, France.

ANSWER: D-Day

14. <PS> This man had 140 Shiites executed following one assassination attempt in 1982, and this leader had the Marsh Arabs relocated following uprisings against his leadership. This leader's sons died in Mosul, and he was responsible for launching the "Anfal" genocide against the Kurdish people in his country. The Oil-for-Food program was launched to provide relief for this man's country, and this leader was captured in Operation Red Dawn. This man launched an invasion of Kuwait that sparked Operation Desert Storm, and Operation Opera ended his plan to build a nuclear reactor. For the point, name this former Iraqi dictator who was overthrown in 2003.

ANSWER: Saddam Hussein

15. <LB> In one story by this author, the title man from the Black Forest has a conversation with the Burgomaster of Riva while on a death boat, and in another, the ape Red Peter learns to act like a human. This author of "The Hunter Gracchus" wrote about a man who hires himself out to a circus, only to starve himself to death and be replaced by a panther. "A Report to an Academy" is by this author who wrote a story about a creature who cherishes his picture of a woman in furs and finds that he dislikes milk. Gregor Samsa is transformed into a vermin in the most famous work by, for the point, what Prague-born author of "The Metamorphosis?"

ANSWER: Franz Kafka

16. <RC> One of this director's films features a two-and-a-half minute kiss between Devlin and Alicia, and another of his films was said to be inspired by Leopold and Loeb. He popularized the "MacGuffin" in his film *The 39 Steps*, and another movie by this director sees Bruno and Guy exchange murders while on the title mode of transportation. In addition to *Notorious* and *Rope*, this man created scene in which Roger Thornhill is attacked by a crop duster. Judy Barton throws Madeleine Elster off the bell tower of the San Juan Bautista in a film by him in which Scottie Ferguson suffers from a fear of heights. In this director's most famous film, Marion Crane is murdered in the shower by Norman Bates. For the point, name this English director of *North by Northwest*, *Vertigo*, and *Psycho*. (136)

ANSWER: Alfred Hitchcock

17. <CS> This kind of tissue is governed through a law that this tissue will adapt known as Wolff's law. Their density is found through DXA and the density of them is increased with bisphosphonates. Their growth is at the epiphyseal plates and they are inflamed in sesamoiditis. Studied by Clopton Havers, this tissue contains hematopoietic tissue and they are the site of platelet formation. They have a spongy type that is more compact and they are weakened by rickets. Often weakened in post-menopausal women, for the point, name this tissue that is strengthened by Vitamin D.

Answer: Bone tissue

18. <PS> Unu Pachakuti was one of these things in Incan myth, and one of them was prevented after the women of Xanthia lifted their skirts towards Bellerophon. In Chinese legend, the first ruler of Xia, Yu the Great, stops one of these from occurring. One of these occurred after Lycaon sacrificed a child to Zeus, and in Aboriginal myth one occurred due to a frog's laughing. Matsya protected Manu from one of these according to Hindu traditions, and Ea warned Utnapishtim about the onset of one of these things in Sumerian myth. Pyrrha and Deucalion survive one of these by sealing themselves in a chest and Hapi personifies these events occurring on the Nile. For the point, name these mythological events that, according to Genesis, Noah survived by building an ark.

ANSWER: floods

19. <LB> One character in this novel plays backgammon with the protagonist's father, reads Fordyce's sermons to that protagonist's family, and is supported by Lady Catherine de Bourgh. When the protagonist of this novel is sighted by her future husband, he says she is "tolerable, but not handsome enough to tempt me." The protagonist of this novel gets mud on her dress while going to visit a character who caught a cold walking in the rain to Netherfield. In this novel, the protagonist stays with her Uncle Gardiner after claiming to be going to Gretna Green, and rejects Mr. Collins, who then proposes to Charlotte Lucas. Mr. Bingley hosts balls in this novel that begins describing a "truth universally acknowledged." For the point, name this novel centering on the relationship between Fitzwilliam Darcy and Elizabeth Bennet, written by Jane Austen.

ANSWER: *Pride and Prejudice*

20. <JF> During one battle, this man killed Gaius Flaminius. At another battle, this general defeated consuls Paullus and Varro, killing one of them. This man started his most famous war by besieging the city of Saguntum. Later in his life, he advised troops in Syria under Antiochus III. He lost the ability to see in one eye after contracting sickness while going through the Pyrenees. After an attempted assassination, this man killed himself with poison from his ring. While camped near the Metaurus River, his brother's head was thrown into his camp. This man fought against a Roman who bore the nickname "The Delayer". This general's father was Hamilkar. For the point, name this Carthaginian general who won the battles of Trebia, Trasimene, and Cannae.

ANSWER: Hannibal

21. <RC> Part of this nation's northern border is defined by the Cuareim River, and attractions in its capital include Solís Theatre, Rodó Park, and the Palacio Salvo. The center of this nation is dominated by the largest artificial lake in its continent, the Rincón del Bonete, and the southern portion of this nation contains the resort towns of Piriápolis and Punta del Este. This is the southernmost of two countries that share the Merin Lagoon, and some of its northern inhabitants speak Portuñol, a mixture of the Spanish and Portuguese languages. This country, whose namesake river forms its western border and meets with the Paraná to form the Rio de la Plata, is governed from a city which lies across from Buenos Aires. For the point, Name this South American country with capital at Montevideo. (134)

ANSWER: Oriental Republic of Uruguay

22. <IM> The “heavy” variety of this compound was first synthesized by Harold Urey. Along with gas, this compound names a reaction which converts carbon monoxide and this compound to carbon dioxide and hydrogen. In a clathrate, four molecules of methane are surrounded by twenty-three molecule of this compound. The Mpemba effect is the observation of temperature on the freezing point of this compound, which has a maximum density at 4 degrees Celsius. For the point, name this compound with formula H₂O.

Answer: Water

23. <LB> One character in this work is forced to wear a pasteboard with the word “slattern” written on it by Miss Scratcherd, and that character reads Rasselas before meeting the protagonist. A tombstone in this novel reads “Resurgam” and marks the grave of a friend the protagonist met after being sent to the “red room” at Gateshead and forced to go to Mr. Brocklehurst’s Lowood School. The protagonist of this novel declines St. John [Sin-jin] Rivers’ offer to travel to Africa and is hired by Mrs. Fairfax to tutor Adele Varens. The deranged Bertha Mason burns down Thornfield hall in, for the point, what Charlotte Bronte novel centering on the title character who falls in love with Mr. Rochester.

ANSWER: Jane Eyre

24. <RC> This figure resided in a structure designed by the architects Agamedes and Trophonius, whose desire to die seven days after that structure’s completion was fulfilled by this being. This figure resides at the place where two eagles sent across the world by Zeus met each other, and it was this figure’s job to guard over the omphalos stone. This person was only seen nine months out of the year because her patron was in the land of the Hyperboreans during the winter. This figure received her name from the verb “to rot” because she resides in the place where Python was killed. This person would bathe in the Castalian Spring before listening to the rustling of the laurel plant to discern the message of Apollo. For the point, name this priestess who delivered many prophecies to the Greeks. (138)

ANSWER: Oracle at Delphi

25. <RC> Near this region’s namesake lake, one can also find the Heart, Lewis, and Shoshone Lakes. This region contains the colorful Grand Prismatic Spring as well as a region of bubbling clay hot springs called Paint Pots. The Gallatin Mountains border this area to its north, and the Absaroka Range runs along its eastern side. This place containing the Obsidian Cliff has an entrance defined by the Roosevelt Arch, and its most notable attraction consistently occurs at an interval of 65 or 91 minutes. The Snake River rises in this park, which is connected via the John D. Rockefeller Memorial Parkway to the Grand Teton National Park. The predictable Old Faithful Geyser is located in, for the point, what first national park of the United States located in northern Wyoming? (129)

ANSWER: Yellowstone National Park

26. <IM> Electrons in these devices create Johnson-Nyquist noise. The pull-up variety of these devices is used to ensure a known state for a signal. The strength of these devices is indicated on a four colored band system. A Wheatstone bridge consists of four of these devices. When these devices are in parallel, their total strength is the reciprocal of the individual elements. They are represented on a circuit diagram using a zig-zag. For the point, name these circuit elements which implement electrical resistance.

Answer: Resistors

27. <JF> The Tsavo Man-eaters killed 30 railroad workers in this country, and one rebellion here included the Chuka Massacre. G. S. L. Griffiths was a belligerent during that rebellion. This country's government faced the Goldenberg Scandal. A group of national leaders here were put on trial; the Kapenguria Six. The Kikuyu Ethnic group in this country led the Mau Mau Rebellion against colonial rule in this country. Al-Shabab attacked Westgate Mall in this country's capital. Its first leader advocated for Harambee, or "coming together". That leader wrote the book "Facing Mount [This Country]". For the point, name this African country whose first leader was Jomo Kenyatta, with capital at Nairobi.

ANSWER: Kenya

28. <LB> "The Broom Tree," a chapter in this novel, is titled for a poem the title character wrote to Utsusemi. Near the beginning of this novel, the Ministry of Rites argues that women should exercise restraint and not be too scholarly. Royall Tyler created a recent translation of this novel that sees a character perfectly dance "The Waves of the Blue Sea," and in this novel's "Uji" chapters, the focus shifts to Niou and Kaoru after a blank chapter title "Vanished into the Clouds" implies the protagonist's death. This novel's title character is exiled to Suma for kidnapping Lady Fujitsubo's niece, whom he marries after the death of Princes Aoi. For the point, name this Japanese novel of the Heian Era, written by Lady Murasaki about the title prince.

ANSWER: The Tale of Genji

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Round 2

1. <IM> The Furies were born when this substance touched Gaea. In a Cormac McCarthy novel titled for this substance followed by Meridian, “the kid” joins a group of scalp hunters in Mexico. In an event named after this substance, unarmed demonstrators were fired upon by soldiers of the Imperial Guard. This substance is comprised of thrombocytes, which aid in the process of coagulation. According to the doctrine of transubstantiation, the wine in the Eucharist becomes this substance. For the point, name this body fluid which is pumped by the heart.

ANSWER: blood

2. <NP> The title nude figure kneels defiantly against a line of elephants and a horse in a bleak desert landscape in this artist’s *The Temptation of St. Anthony*. A similar elephant with insanely thin legs can be seen carrying an obelisk in the background of this artist’s painting *Dream Caused by the Flight of a Bee Around a Pomegranate a Second before Awakening*. That painting includes a nude depiction of his wife Gala who has also modeled for his paintings *Corpus Hypercubus* and *Galatea of the Spheres*. This artist was also known for his collaboration with Walt Disney to produce the short film *Destino* and for his collaboration with Luis Bunuel to produce *Un Chien Andalou*. For the point, name this Spanish surrealist artist of *Swans Reflecting Elephants*. (127)

ANSWER: Salvador Dalí

3. <CS> The decay of these particles, although never being observed, is theorized to produce a positron and pion. These main components of cosmic rays were supposed to be researched by a facility that later researched neutrinos. This hadron is composed of two up quarks and one down quark and its concentration can be measured with pH. Found alongside neutrons in an alpha particle, they are held together by the strong nuclear force. They are represented by the letter Z which is the atomic number. For the point, name these particles that have a namesake pump in the mitochondria and are the positive particle found in the nucleus.

Answer: Proton

4. <SG> This cause was championed by both the Kensington Society and a group whose motto was “Deeds not Words.” One proponent of this cause was trampled by a horse at the Epsom Derby, and a group called the Silent Sentinels agitated for it by picketing the White House. New Zealand was the first modern country to adopt the goal of this cause. Proponents of it in the UK were targeted by the Cat and Mouse Act, and their members included Millicent Fawcett and Emmeline Pankhurst. For the point, name this cause that was achieved in America by the 19th Amendment, whose early supporters included Lucretia Mott and Susan B. Anthony.

ANSWER: women’s suffrage [or anything indicating that women received the right to vote; prompt on suffrage]

5. <LB> The title Dutch trader of one of this author's novels moves into an unfinished house with dreams of finding gold, but he begins an opium addiction after his daughter Nina leaves with Dain Maroola. Giorgio Viola accidentally shoots the protagonist of a novel by this author, which features characters like Martin Decoud and sees Charles Gould buy a silver mine in Costaguana. This author of *Almayer's Folly* wrote about Verloc, who is tasked with destroying the Greenwich Observatory, in *The Secret Agent*, and about a character who lets Dormin shoot him after Dain Waris dies. A note reading "Exterminate all the brutes" is found by Kurtz, whose last words are "The horror! The horror!," in a novel centering on Marlowe and his journey down the Congo. For the point, name this author of *Lord Jim* and *Heart of Darkness*.

ANSWER: Joseph Conrad

6. <LB> The Wadi Sora in this region served as the inspiration for the "Cave of the Swimmers" in the film adaptation of "The English Patient," and a small fox with large ears used to dissipate heat in this desert is called the fennec. High points such as Emi Koussi and Bikku Bitti can be found in the Tibesti Mountains in this desert home to the nomadic Tuareg, a nomadic people who travel on camels delivering salt from Taoudenni to Timbuktu.. The French tested their first nuclear bomb in this desert's Grand Erg, and this desert that covers much of Mauritania, Niger, and Libya is bordered by the Sahel to the south. For the point, name this desert in Northern Africa, the largest hot desert in the world.

ANSWER: Sahara Desert

7. <GD> Near the beginning of this story, the protagonist asks her husband for money in order to buy a new dress. The protagonist of this short story has trouble finding a cab after a ball. After working tirelessly for ten years, the protagonist discovers that the title object is actually worth five hundred francs. Madame Forester lends the title object, which happens to be a fake, to Madame Loisel in this story, who then loses it. For the point, name this Guy de Maupassant story about the titular piece of jewelry.

ANSWER: "The Necklace"

8. <CS> One of this strategy's most prominent forms was studied by Henry Walter Bates. Various forms of it include Aristotelian which is found in some birds, Emsleyan form which is found in certain snakes, and the Vavilovian kind found in weeds. A kind of butterfly notable uses this behavior known as the Mullerian kind. When one species tries to use this strategy with respect to a more harmful species, it is the Batesian kind being exhibited. Exhibited most famously by the viceroy and monarch butterfly, for the point, what is the behavior where one species attempts to act and look like another species which is found in coral snakes.

Answer: Mimicry

9. <NP> Though no longer mayor, one politician from this state received national attention for opening up his Clinton Hill house to his neighbors following Hurricane Sandy's landfall in 2012. That politician would soon climb Democratic ranks to serve this state in the senate alongside senior Senator Bob Menendez. This state's governor Phil Murphy recently defeated former Lt. Governor Kim Guadagno in the 2017 Gubernatorial election ending the disastrous tenure of its previous which saw toll lanes close on the George Washington Bridge in Bridgegate. For the point, name this Northeastern state which is represented by Senator Cory Booker and was formerly led by Governor Chris Christie.

ANSWER: New Jersey

10. <PS> In his namesake book, the prophet Daniel killed one of these animals, and one hero gained the ability to understand the language of birds after bathing in the blood of one of these animals. In Korean mythology, Imugi sometimes attempted to become one of these creatures, and the garden of the Hesperides is guarded by one of these named Ladon whom Heracles defeated in one labor. In Babylonian myth, Marduk killed one of them named Tiamat, and Yamata no Orochi is one of these from Japan. In Chinese mythology, the phoenix is the yin counterpart to the yang of these creatures; for the point, name these creatures who were slain by Saint George and Beowulf.

ANSWER: dragons

11. <RC> One of this composer's pieces was composed for string orchestra and string quartet and another uses a "Windflower" theme and was premiered by Fritz Kreisler. In addition to composing *Introduction and Allegro* and a *Violin Concerto in B Minor*, this man created roles like the Angel of Agony and the Soul's Angel for an oratorio based on a poem by Cardinal Newman. Jacqueline du Pre became famous for her performance of this man's *Cello Concerto in E Minor*, and one series of works by him is the basis for the song "Land of Hope and Glory" and is frequently heard at graduations. This composer's most famous work contains movements named "Dorabella," "C.A.E.," and "Nimrod." For the point, name this composer of *The Dream of Gerontius*, the *Pomp and Circumstance* marches, and the *Enigma Variations*. (136)

ANSWER: Edward Elgar

12. <DD>A painting depicting this man also includes a brown and white dog at his feet and two cavorting women in the background. This man, who was painted with his guide in a William-Adolphe Bouguereau work, has many works attributed to him, including the *Margites*, and *Phocais*. This man was shown as a statue in a Rembrandt painting, where a philosopher in a green robe and gold chain rests his hand on the titular sculpture. In work by this man, a character dressed in a wolf skin is decapitated. That character, Dolon, is included in the work by this man that begins by prescribing the "rage" of a certain character. In another work by this man, the titular character shoots an arrow through several axe heads and proves his identity to his wife when he describes his olive tree hewn bed. For ten points, name this blind author of *The Iliad* and the *Odyssey*.

ANSWER: Homer

13. <JF> One king of this name was the son of Baldwin V, Count of Hainaut. An heir of a man with this name was killed during the sinking of the White Ship. A ruler of this name was the son of King John and Isabella of Angouleme. That king of this name was married to Eleanor of Provence. A king of this name was born in Bolingbroke Castle in Lincolnshire, and that king's son of the same name won the battle of Agincourt. A king of this name married Margaret of Anjou, and another king of this name was given the title "Defender Of The Faith". The first Tudor monarch was a man of this name, and earlier he had ruled the Principality of Wales. For the point, give this name shared by eight English kings, the last of whom married 6 women.

ANSWER: King Henry

14. <CS> This phenomena has various forms known as specular and diffuse of which the latter is described by Lambert's cosine law. That law is also modeled by the Oren-Nayar model and this phenomena has a form that creates evanescent waves. The intensity of this phenomena is given by an equation that also describes a related phenomena, refraction. Those equation are the Fresnel equations and this phenomena is absent in Brewster's angle. The total internal form of it happens at the critical angle and the angle of which is occurs is the incidence angle. For the point, name this phenomenon where light bounces back commonly seen in mirrors.

Answer: Reflection

15. <JF> The Santa Fe Riot was started after targets of this event had their shirts taken from them. The Ringle Report helped spur on this event, which was also exasperated by the Ni'ihau Incident. Colorado Governor Ralph L. Carr was opposed to this policy, which was pushed for and partially created by General John Dewitt. Sites at Heart Mountain and Tule Lake housed its victims, and one site famous for this policy was photographed by Ansel Adams. That place was Manzanar. This policy was at the heart of a Supreme Court case arguing against the constitutionality of Executive Order 9066. That case was Korematsu v. U.S. For the point, name this wartime U.S. Policy of relocating Japanese Americans from the West Coast to namesake camps.

ANSWER: Japanese internment

16. <RC> After this man died, he married Medea in the Elysian Fields, and at Scyros, he disguised himself as a woman named Pyrrha in the court of Lycomedes. This hero owned the talking horses Balius and Xanthus, and he was the father of Neoptolemus. One epic poem opens with this figure refusing to fight after his concubine Briseis has been stolen by Agamemnon. Both Zeus and Poseidon agreed to not marry this hero's mother because of a dangerous prophecy associated with him, and that mother bathed this figure in the River Styx as a child. Thetis and Peleus were the parents of this hero who dragged his opponent Hector around the walls of Troy after killing him. For the point, name this Greek hero who was himself killed by an arrow to the heel. (133)

ANSWER: Achilles

17. <LB> A novel from this country centers on the Jesuit priest Sebastiao Rodrigues, and plays from this country translated by Donald Keene include The Courier from Hell and The Uprooted Pine. An author from this country wrote about Johnnie Walker trying to make a flute out of cat souls in one novel, while another centers on Tengo and Aomame and takes its title from a George Orwell work. The sealed Moved 121 is used to defeat Honinbo Shusai in a work from this country, whose author wrote the books Thousand Cranes and The Sound of the Mountain. Bird deals with his brain hernia-afflicted son in a novel from this country titled A Personal Matter, and the author of that novel wrote about Takashi in The Silent Cry. For the point, name this country home to authors like Kenzaburo Oe and Haruki Murakami.

ANSWER: Japan

18. <JF> One statesman from this country was exiled to London, and while there, issued the Apostleship of the People. This country started its first namesake War of Independence after an event known as the Five Days of Milan. One general from this modern-day country led the Army of the Vosges to help France during the Franco-Prussian War. That man also led the Expedition of 1000 to capture territory for this budding state. It gained some “Irredent” territory after the Armistice of Villa Giusti. Its “Resurgence” began after the Congress of Vienna. This country’s first Prime Minister was Count Cavour, and its other “Fathers of The Fatherland” include Giuseppe Garibaldi and Giuseppe Mazzini. For the point, name this country whose first king was Victor Emmanuel II.

ANSWER: Italy

19. <CS> This language compiles bytecodes while running and it was initially known as Oak. Based on five goals, this language notably does not have pointers. This language does not allow for multiple inheritance classes and this language has a GUI that was created by Swing library. This language contains Boolean values which is known as primitive. An automatic garbage collector is used to manage memory in this language which has the motto “write once, run anywhere,” which is able to be accomplished due to its namesake virtual machine. For the point, name this language that was created by James Gosling with Sun Microsystems that is unrelated to another language with “script” added on to it.

Answer: Java (Do not accept or prompt on JavaScript)

20. <IM> This team was established in 1933 as a replacement for the Frankford Yellow Jackets. This team won back to back NFL championships led by running back Steve Van Buren. Under the leadership of Norm Van Brocklin and Chuck Bednarik, this team became the only one to defeat Vince Lombardi’s Green Bay Packers in the playoffs. More recently, this team has been lead by coaches Andy Reid and Chip Kelly. After quarterback Carson Wentz tore his ACL in the 2017, Nick Foles became the first quarterback to start and win a Super Bowl since his opponent Tom Brady did so in 2001. For the point, name this NFL team based in Philadelphia.

ANSWER: Philadelphia Eagles

21. <?>The third book of this text notes that eight lines of dancers is too many, and a character in this text compares virtue to the “Pole Star.” This book examines the “five excellent practices” required for a successful government, and a character in this text asks if any humans were injured in a stable fire. This work uses Shun and Yao as examples of good rulers, and one section of it emphasizes the importance of the rectification of names. This text discusses five important relationships such as that of ruler to ruled, father to son, and husband to wife. This book stresses the importance of ren, which can be cultivated through the practice of li and filial piety, and it is one of the Four Books of Chinese classics. For the point, name this collection of the sayings of Confucius. (140)

ANSWER: Analects [or Lunyu]

22. <RC> Outside of this building, one can find a statue by Jacques Lipchitz called *Mother and Child*. This building was originally meant to have gold-leaf covering on the outside, and an alteration in its design led to a third floor passage being turned into a sleeping alcove. Robert Mosher was fired during the construction of this building, whose design was put onto paper in less than two hours at its architect's Taliesin studio. In 2002, this building needed to be repaired with post-tensioning because it was losing its structural integrity, leading some to call it "Rising Mildew." This house, which was designed for Edgar Kaufmann and his family, is cantilevered over Bear Run River in Pennsylvania. For the point, name this most famous residence designed by Frank Lloyd Wright. (128)

ANSWER: Fallingwater

23. <JF> The Tsavo Man-eaters killed 30 railroad workers in this country, and one rebellion here included the Chuka Massacre. G. S. L. Griffiths was a belligerent during that rebellion. This country's government faced the Goldenberg Scandal. A group of national leaders here were put on trial; the Kapenguria Six. The Kikuyu Ethnic group in this country led the Mau Mau Rebellion against colonial rule in this country. Al-Shabab attacked Westgate Mall in this country's capital. Its first leader advocated for Harambee, or "coming together". That leader wrote the book "Facing Mount [This Country]". For the point, name this African country whose first leader was Jomo Kenyatta, with capital at Nairobi.

ANSWER: Kenya

24. <SG> This man made an enemy of "Big Bill" Thompson, after funding his mayoral campaign against William Dever. He was mentored by Johnny Torio and was a rival of Hymie Weiss. He received his most famous nickname after being injured while working at a New York night club. His subordinates impersonated police officers and used automatic weapons to kill several members of the Bugs Moran's gang. For ten points, name this Chicago gangster who ordered the St. Valentine's Day Massacre, was imprisoned on Alcatraz for tax evasion, and was known as Scarface.

ANSWER: Al Capone

25. <PS> The Kapparot ritual is traditionally performed on this holiday which involves a person swinging a chicken around their head, and on this holiday, the Tetragrammaton was pronounced by the High Priest of the Great Temple. This holiday is the only occasion on which the Kohen Gadol could enter the Holy of Holies, and traditionally, the entire Book of Jonah is read during the afternoon service of it. This holiday is kicked off by reading the Kol Nidre prayer in Aramaic as opposed to Hebrew, and this holiday features The Five Prohibitions. For the point, name this Jewish holiest day of the year that occurs on the tenth day of Tishrei and is the Day of Atonement.

ANSWER: Yom Kippur

26. <GD> After being asked to sign a document, the protagonist of this play exclaims, "I have given you my soul; leave me my name!" Betty faints before the start of this play because her father jumped out at her. A doll made by Mary Warren is discovered with a pin in it in the home of the protagonist. Giles Corey dies in this play after asking for "more weight" and Tituba is a slave girl. Abigail Williams is the cause of this play's central events and accuses Elizabeth Proctor of being a witch. For the point, name this Arthur Miller play about the Salem Witch Trials.

ANSWER: *The Crucible*

27. <RC> This philosopher only finished 21 of his 36 of the titular *Rules for the Direction of the Mind*, and he abandoned his *Treatise on the Light* as a result of Galileo's house arrest. Gilbert Ryle referred to one of this philosopher's ideas as the "ghost in the machine." He was a frequent correspondent of Elisabeth of Bohemia, to whom he dedicated a work which states the pineal gland is the seat of the soul. This philosopher posited that the mind and body were two separate entities in his namesake "dualism," and he demonstrated that the senses can be deceiving by using the example of a ball of wax and an "evil demon." For the point, name this French philosopher whose *Discourse on Method* and *Meditations on First Philosophy* both contain the line "I think, therefore I am." (137)

ANSWER: Rene Descartes

28. <JF> This event sparked the Flour Riot in New York City, and the president during it was given the nickname "Ruin". This event started when the New Orleans based German Briggs & Co. collapsed, and one company to survive it was the Brown Shipley Co. the passage of the Distribution Act may have also led to it, and Congress created the Sub-Treasury system to deal with this event. It may have been caused by an issuance of Levi Woodbury. That issuance stated that one could only buy land with Gold or Silver. Most attribute this event happening because of the issuing of the Specie Circular during the Presidency of Andrew Jackson. For the point, name this American Economic panic during the first year of President Martin Van Buren.

ANSWER: Panic of 1837

Detroit Catholic Central Shamrock Quiz Bowl Camp
High School Tournament

Round 3

1. <DD> One character in this novel dies on Christmas after giving birth to the stillborn baby of Richard Schiller. Letters written to warn about the narrator of this novel are burned after their author is killed by a passing car.. The narrator of this novel, “a white widowed male,” who grew up in Paris, was romantically involved in his youth with a girl named Annabel Leigh until she died from typhus, believes he is infatuated with girls like the daughter of Mr. MaCoo because of that traumatic experience. These young girls, or nymphets are obsessed over in this novel, which was controversial for its emphasis on hebephilia. For ten points, name this novel about Humbert Humbert, who obsesses over Dolores Haze.

ANSWER: Lolita

2. <LB> A chapter in this thinker’s most famous work concludes that parents must teach children how to think and not what to think and is entitled “Education for Choice.” This thinker’s autobiography is titled “Blackberry Winter,” and this thinker collaborated with her husband Gregory Bateson on Balinese Character: A Photographic Analysis. This anthropologist wrote a work centering on the Arapesh, Mundugumor, and Tchambuli, and collaborated with James Baldwin on A Rap on Race. Derek Freeman initiated the “Fateful Hoaxing” of this woman who discussed the role of the *taupo* in her most famous work that describes “sleep crawling” and the strict sexual codes enforced on the island of Ta’u. For the point, name this anthropologist who wrote Sex and Temperament in Three Primitive Societies and Coming of Age in Samoa.

ANSWER: Margaret Mead

3. <FW> This bill became a law when it was signed by the president when he was suffering from Crohn’s disease in a hospital bed and the Boggs-Falcon Bill would have made 90% of the costs of this law be paid using taxes and bonds. The case South Dakota v. Cole was caused by state that had drinking ages under the age of 21 withholding funds on this project. This project was originally planned in the Pershing Map and this project saw a namesake Beautification Act advocated by Lady Bird Johnson. The Yellow Book contained the final plans for this project which was meant to expedite the transportation of military equipment around the country. The inspiration for the beginning of this project came to the president who began its building when he was leading troops in Germany during WWII. For the point, name this road system that President Dwight D. Eisenhower began building because of his inspiration from the Autobahn.

ANSWER: Interstate Highway System

4. <LB> This country disputes the Hala’ib Triangle with its southern neighbor, and contains buildings nicknamed the Saladin Citadel and the Alabaster Mosque. The Qattara Depression in this country contains the lowest point in Africa, and this country’s highest point in Mount Catherine, the site of the world’s oldest monastery. The Great and Little Bitter Lakes are in this country that contains a temple complex at Karnak. In this country that contains Mount Sinai, statues at Abu Simbel had to moved due to the construction of a structure that formed Lake Nasser, the Aswan High Dam. The Coptic population resides in Alexandria, a city in, for the point, what Northern African Nation home to the Sphinx and the Great Pyramids, with its capital at Cairo.

ANSWER: Egypt

5. <CS> This kind of radiation may be produced from the destruction of dark matter due to finding a 3.5 keV peak in it. This radiation is emitted in the Auger effect and released from bremsstrahlung. It is emitted from accretion discs and about every 45 minutes from Jupiter's north pole. Described by the Duane-Hunt law, it was used by Rosalind Franklin to determine the structure of DNA in its namesake crystallography. It was first discovered by William Rontgen and it is measured in the Chandra observatory. Split into hard and soft kinds, this radiation is above ultraviolet but below gamma rays in energy. For the point, name this kind of radiation that is most commonly known for its use in bone imaging.

Answer: X-rays

6. <LB> A story titled for this literary form ends with the line "save the children" and that work's narrator sees the words "EAT PEOPLE" written in books. A similarly titled work in this literary form details an affair between the dogs Meggy and Fidel, and centers on a man who believes he is the King of Spain, Poprishchin. A work of this type is said to be "Absolutely True" and centers on Junior a resident of the Spokane Indian Reservation. Examples of these types of works belonging to "mad men" were written by Lu Xun and Nikolai Gogol. In a famous example of this type of work, the author befriends Peter and dies of typhus in Bergen-Belsen after hiding from Nazis. For the point, name this type of work, one of which was written by Anne Frank.

ANSWER: diaries

7. <SG> The creator of this film later claimed that he was completely ignorant of the movie industry and that he didn't really want to make a film. Gregg Toland was the man behind this movie's pioneering cinematography, and in it a series of scenes depicts a failing marriage as two spouses sit farther and farther away from each other at the breakfast table. In this film, Susan Alexander is forced to sing in multiple opera houses despite her poor ability. It opens with a shot of a "No Trespassing" sign before panning to a view of the decrepit estate, Xanadu. For the point, name this 1941 Orson Welles film about a reporter's attempts to decipher the meaning of the title character's last words, "Rosebud."

Answer: Citizen Kane

8. <RC> This region's visitor center is named for Ernest F. Coe, who advocated for this area's preservation by turning it into a national park. The Shark River runs through this place, which was extensively written about by Marjory Stoneman Douglas. Whitewater Bay is located in this region where the Calusa people once lived. The Tamiami Trail runs through this area where more than 1,200 Burmese pythons have been removed since 2009. Cape Sable marks the southernmost point of this national park, which contains the Ten Thousand Islands. The Kissimmee River flows into this national park, where The Big Cypress Swamp is located to its northwest, while to its north lies Lake Okeechobee. For the point, name this "River of Grass," a wetlands on the southern tip of Florida. (128)

ANSWER: Everglades National Park [I suppose prompt on Florida until "national park" because the wording is ambiguous]

9. <IM> Tosylates contain toluene bonded to the sulfonic variety of these species. Boron trifluoride is an example of a Lewis one. Antimony pentafluoride reacts with hydrogen fluoride to yield the strongest known “super” variety of these species. Arrhenius ones dissociate in water to form hydrogen ions. These substances have hydrochloric, acetic, and sulfuric varieties. For the point, name these substances contrasted with bases.

Answer: Acids [accept sulfonic acids, Lewis acids, superacids, Arrhenius acids]

10. <LB> Helen Vendler wrote a book about the art of these poems, one of which addresses “devouring Time” and demands “Pluck the keen teeth from the fierce tiger’s jaws.” One describes “bare ruin’d choirs, where late the sweet birds sang,” and another of these poems notes how even though “rough winds” “shake the darling buds of May,” the poem will immortalize its subject “so long as men can breathe.” “Love is not love / Which alters when it alteration finds” concludes one of these works, some of which were addressed to the Rival Poet and the Dark Lady. “My mistress’ eyes are nothing like the sun” opens one of, for the point, what type of works written in iambic pentameter, the 18th of which famously asks “Shall I compare thee to a summer’s day?”

ANSWER: Shakespeare’s sonnets

11. <JF> Thomas Jefferson signed the Two-Million Dollar Act” to help better trade with the U.S. And this country. Operation Ogre killed the Prime Minister of this country, after flipping his car over a 5-story building. One historical holding of this country settled Fort Mose with an all-black militia unit. The sword used by most Roman soldiers, the Gladius, was also called the sword of this country. It fought the 80 Years’ War with the Netherlands, and it also fought in a namesake war of succession which was ended by the Treaty of Utrecht. Rulers of this country made the Alhambra Decree. For the point, name this country once led by Charles V and Ferdinand and Isabella.

ANSWER: Spain

12. <NP> This artist showed three figures ascending a staircase in the far left corner of one work, and another of his works depicts lictors bringing Brutus the bodies of his sons. One of his paintings features a crowd of mourning figures around the central Greek philosopher who is chained to his bed and about to drink a deadly liquid from a bronze chalice. In addition to painting *The Death of Socrates*, this artist was known for portraits of Antoine Lavoisier and Napoleon Bonaparte. Three grand archways are seen in the background of one of his paintings that depicts three women weeping in the lower left corner. This artist’s most famous work has the central revolutionary figure lying dead after being stabbed by Charlotte Corday. For the point, name this French neoclassical painter of the *Oath of the Horatii* and *The Death of Marat*. (142)

ANSWER: Jacques Louis David

13. <CS> This class of particles have a subclass of composite forms that are used in BCS theory and the scalar kind was discovered in the CMS experiment. They follow a set of statistical rules named after the particle's namesake and the man who the most famous contributor to the EPR paradox. The gauge type are found on the standard model and include force carries such as the gluons or photons. A hypothetical one is said to carry the gravitational force which is known as the graviton. In 2013, the LHC found one kind of this particle that carries mass, the Higgs kind. For the point, name these kinds of particles with an integer spin that are contrasted with fermions.

Answer: **Bosons**

14. <RC> In retaliation against this group, the Antinomians began the Free Grace Controversy, and one of its members asked, "Make me, O Lord, thy Spinning Wheel complete" in his poem "Huswifery." A leader of this group wrote *A Model of Christian Charity*, and thousands of its members were forced out of their jobs in the Great Ejection. Edward Taylor was a poet from this group, which felt threatened by the authority of William Laud, Archbishop of Canterbury. Roger Williams left this group to found Rhode Island, and Anne Hutchinson was expelled from its ranks by the leader John Winthrop. For the point, name this ideological group whose members founded the Massachusetts Bay Colony and were so named because they wanted to cleanse the church. (123)

ANSWER: **Puritans** [or Puritanism; prompt on Protestantism]

15. <FW> When this deity was exiled, the cunning wizard Ullr ruled under his name for ten years. This god once turned into a snake in order to enter a mountain and drink a potion created by the wisest being Kvasir, and he once told Sigurd to collect the blood of Fafnir. This god, who was tortured by Geirroth for eight days, gives all of his food to Geri and Freki. Hugin and Munin, his ravens, gather information for him, and he was able to drink from the Well of Mimir by giving up his eye. In another pursuit of knowledge, this god hung from Yggdrasil for nine days, and he rides the eight legged horse Sleipnir. For the point, name this husband of Frigg, the chief god of the Norse pantheon.

ANSWER: **Odin**

16. <RC> Many members of this movement support the removal of Trident submarines from the city of Coulport, and in an effort to prevent this movement, J.K. Rowling donated £1 million to an organization that opposed it. Nicola Sturgeon took over as head of the SNP after one member of this movement resigned, and discovery of oil in the North Sea invigorated participation in this movement. Alistair Darling chaired an opposition movement to this one called Better Together, which disproved of First Minister Alex Salmond, who resigned shortly after a referendum on this issue. In response to that September 18, 2014 referendum, only 44.7% of voters answered "yes," while 55.3% of voters replied "no." For the point, name this movement which wants to create a new nation north of England with capital at Edinburgh. (134)

ANSWER: **Scottish independence** movement [prompt on partial answers; accept Scottish devolution; accept Scotland leaving the UK; accept similar answers]

17. <PS> When this figure kicked Mount Helicon, the well of the Muses, Hippocrene, was created. His brother was the father of Geryon and Echidna with Callirrhoe, and this figure helped one man defeat the Solymi and the Amazons. He was captured by one man while drinking from a well in Corinth, and this figure was conceived after his mother procreated with Poseidon in Athena's temple. He failed in his most famous task after being stung by a gadfly, leading to his partner's death. With that partner, this figure was responsible for slaying the Chimera; for the point, name this winged horse of Bellerophon who sprung forth from the decapitated neck of Medusa.

ANSWER: Pegasus

18. <FW> The Business Plot was a response to this program, that would have had wealthy businessmen sponsor a fascist coup to overthrow the president that began this program. This program built Greenbelt Towns to house farmers that were displaced by an event that this program was in response to, and the building of those towns was primarily supported by Redford Tugwell. This program was fought against by "the four horsemen" and part of this program was ended following the case Schechter Poultry v. US. This program started the NRA, or national recovery act, and companies displayed a blue eagle if they were complying to the terms of it. The Tennessee Valley Authority was started by this program to help the region it was named for recover. For the point, name this program started by FDR to help America recover from the Great Depression.

ANSWER: The New Deal

19. <IM> Its namesake darkening is a phenomenon in which a star rotates so rapidly that it has a detectable oblate spheroid shape. This phenomenon is excluded from GUT models. Its namesake lensing causes light from massive objects to bend as it travels to the observer. In October 2017, the LIGO and Virgo detectors received waves resulting from this phenomenon. Einstein's general theory of relativity describes this force as a consequence of the curvature of spacetime. For the point, name this weakest fundamental force which causes all things with mass to move toward one another.

Answer: Gravity [accept gravity darkening, gravitational lensing, gravitational waves]

20. <GD> In one short story written in this language, a man agrees to live in solitary confinement for fifteen years in exchange for two million rubles. In another story written in this language, the answer to the titular questions is declared to be "six feet from his head to his heels". In addition to, "The Bet" "How Much Land Does a Man Need?" another work in this language sees a character tell the parable of the Grand Inquisitor and Alyosha, Dmitri, and Ivan are the title family members. Raskolnikov kills a pawnbroker in another work that uses this language that was used to write The Brothers Karamazov. For the point, name this language that was used by such authors as Leo Tolstoy and Fyodor Dostoyevsky.

ANSWER: Russian

21. <LB> This concept, represented by π in the Fisher Equation, is said to depend on excess demand, shocks, and expectations in Gordon's Triangle model. The Mundell-Tobin Model shows this phenomenon's effect on interest rates, and it is often split into built-in, cost-push, and demand-pull types. This concept's effects are modeled by the "Shoe Leather Cost," and this concept is accounted for in real interest rates, while nominal interest rates do not account for it. On the Phillips Curve, this quantity is related to unemployment, and the Weimar Republic experienced the "hyper" variety of this phenomenon. For the point, name this devaluing of money as the prices rise, resulting in a general rise in prices over time.

ANSWER: inflation

22. <RC> Susannah Cibber performed at this piece's premiere in England, and in his adaptation of this work, Mozart eliminated the organ continuo. This work includes a Sinfony movement in the style of a French Overture and a pastoral Pifa movement, and its libretto was written by Charles Jennens. A chorus in this work speaks of the "King of Kings and Lord of Lords" and that part of this work supposedly caused King George II to stand during its 1743 London premiere. The third part of this musical work opens with the aria "I know that my Redeemer liveth," and other famous arias from this work include "Every Valley shall be Exalted" and "O death, where is thy sting?" For the point, name this oratorio composed by George Frideric Handel which contains the Hallelujah Chorus. (133)

ANSWER: Messiah [do not accept or prompt on Hallelujah Chorus at any point]

23. <IM> This scientist is the first namesake of a theory which was possibly the final attempt at understanding the interaction of electromagnetic radiation and matter on the basis of old quantum theory. This scientist's namesake magneton is used for the expression of the magnetic moment of an electron. His namesake radius is equal to the distance between the nucleus and the electron in a hydrogen atom. In his namesake model of the atom, this scientist proposed that energy levels of electrons are discrete. For the point, name this Danish physicist who conceived the principle of complementarity.

Answer: Niels Bohr

24. <GD> In his Flappers and Philosophers, this author wrote a story in which the protagonist cuts off the braids of her cousin Marjorie. In addition to, Bernice Bobs Her Hair, this author created a character who rigged the World Series in his most famous work. The title character of that work is known for throwing extravagant parties which Jordan Baker often attends. Myrtle is run over by Daisy Buchanan, leading to Jay being shot in his swimming pool in that work. For the point, name this American author of the Great Gatsby.

ANSWER: F. Scott Fitzgerald

25. <RC> Ernesto Sanchez La Cruz may have been the first European to see this geographical feature, which was later reached by Aleksandrs Laime on foot. This landmark is located in Canaima National Park, and the Churun River, a tributary of the Carrao River, forms this feature. Like the similar Kuquenán and Kaieteur formations, this geographical feature is situated on the Guiana Highlands. It was named for an American aviator who crashed his aircraft *El Río Caroní* near it, but in 2009, Hugo Chávez changed this landmark's name to Kerepakupai Vená in order to promote nationalism within his country. Located on the Auyan-tepui, or Devil's Mountain, its water descends over 3,000 feet. For the point, name this Venezuelan landmark, the tallest uninterrupted waterfall in the world. (125)

ANSWER: Angel Falls

26. <PS> At the Battle of Raate Road, one side during this war was forced into pockets called motti, and Herbert Hoover organized an initiative to send the proceeds of the first Washington state screening of *Gone With the Wind* to civilians in this war. The Sisu Detachments in this war were joined by a battalion of Hungarian forces and this war began when one side's forces crossed the Mannerheim Line onto the Isthmus of Karelia. The Terijoki puppet regime was established in this war, and this war saw participation from a sniper called the "White Death". For the point, name this WWII-era invasion of Finland by Russia named after the season it took place in.

ANSWER: Winter War [or Talvisota]

27. <PS> In one story, this man helps King Vortigern discover two dragons beneath his castle, and he was also born with the ability to speak in all tongues. According to legend, he was responsible for the building of the Stonehenge, and he once disguised a king as Gorlois so that he could sneak into Tintagel Castle and lie with Igraine, who would later give birth to that king's son. This man's downfall came at the hands of his pupil who seduced and betrayed him, Vivien, and this man created the test of the sword in the stone. For the point, name this legendary magician who designed the Round Table and served Uther Pendragon and his son Arthur.

ANSWER: Merlin

28. <IM> This element's namesake cycle was the first biogeochemical cycle to be discovered. When this element is burned, it melts to a blood-red liquid and emits a blue flame. With iron, this element names clusters which are found in the electron transport chain. The Frasch process extracts this element from underground deposits. An amino acid containing this element indicates the start of the coding region. This element is found the vitamins biotin and thiamine. For the point, name this element with chemical symbol S.

Answer: Sulfur

Detroit Catholic Central Shamrock Quiz Bowl Camp
High School Tournament

Round 4

1. <RC> In one photograph, this head of government's police force can be seen tear-gassing a "woman in red." His administration has witnessed the growth of the Ergenekon movement, a part of his nation's "deep state," and in 2013, he repressed protesters at Taksim Gezi Park. The PKK has joined forces with a number of other organizations to form the Peoples' United Revolutionary Movement, whose goal is to overthrow this leader, and a recent 2016 coup against this figure's government called *hizmet* was led by Fethullah Gülen. Soon after establishing the Justice and Development Party, this figure took over as Prime Minister of his country, where he governs from Ankara. For the point, name this current President of Turkey. (117)

ANSWER: Recep Tayyip Erdoğan [pronounced ER-do-WAN, but accept phonetic pronunciations]

2. <GD> In one work, this author created the characters Peter, Martin, and Jack to represent Saint Peter, Martin Luther, and John Calvin. In addition to, *A Tale of a Tub*, this author satirically advocated for Irish people to sell their babies to be eaten in another work. In this author's most famous novel, the title character meets magicians on the island of Glubbdubdrib. In that same novel by this author, the Yahoos are ruled by peaceful horses and the protagonist is sold to the queen of Brobdingnag. For the point, name this Irish author of *Gulliver's Travels*.

ANSWER: Jonathan Swift

3. <RC> This artist was once shot by the author of the SCUM Manifesto, a radical feminist named Valerie Solanas, and a famous photograph of this artist depicts him and Jean-Michel Basquiat wearing boxing equipment. A film by this man follows the lives of young women living at the title hotel, and he visited Sing Sing Correctional Facility to create a series of works titled *Big Electric Chair*. In addition to directing films like *Chelsea Girls* and *Empire*, this artist put up wallpaper depicting cows at one of his exhibitions. The Velvet Underground performed at this man's Exploding Plastic Inevitable, which utilized many dancers and performers from the Factory. For the point, name this American Pop artist who is best known for silk screen depictions of Marilyn Monroe and Campbell's Soup Cans. (130)

ANSWER: Andy Warhol

4. <CS> This kind of cell is developed with the help of agrin. One substance found prominently in this cell is made up of lipid galactocerebroside and that substance was first discovered by Rudolf Virchow. They are split into Type I and Type II which was first distinguished by Golgi. Schwann cells are used to add a substance which has gaps known as the Nodes of Ranvier. They contain Nissl bodies and are coated in a substance that is destroyed in Multiple Sclerosis; myelin sheaths. Two kinds of support cells to them are astrocytes and oligodendrocytes. For the point, name these cells which are connected via synapses which are the basic unit of the nervous system.

Answer: Neurons (Accept nerve cells)

5. <SG> The international response to this event was criticized the memoir, “Shake Hands with the Devil” by Romeo Dallaire. French forces used Operation Turquoise to establish a controversial “safe zone” that allowed many of this event’s participants to escape. It began after the RTLM radio station issued the coded message, “Cut down the tall trees.” This event was sparked by the deaths of the President of Burundi and President Juvenal Habyarimana in a plane crash. It was mostly carried out by the Interahamwe militia and it ended when Paul Kagame of the RTF took power. For ten points, name this 1994 event which saw the mass killing of Tutsis by Hutus in the namesake African nation.

ANSWER: Rwandan Genocide

6. <NP> One area of negotiations for this event is the Common Agricultural Policy which currently has placed an emphasis against GMOs and industrial farming. Another chief area of negotiations for the arrangement of this event is the fate of the nearly 300-mile long land border between Northern Ireland and the Republic of Ireland. Those negotiations are largely held at the headquarters of the European Commission with EU Commission President Jean-Claude Juncker representing one side while the other party is represented by longtime Euro-Sceptic David Davis. For the point, name this process of Britain leaving the European Union which began with execution of Article 50 of the Lisbon Treaty by Theresa May.

ANSWER: Brexit

7. <RC> This sculptor depicted a young man resting his leg on a chained man in *The Genius of Victory*, and he also created representations of Day, Night, Dawn, and Dusk to adorn one chapel. This sculptor of the *Madonna of Bruges* depicted the title group fighting the Lapiths in his *Battle of the Centaurs*. This sculptor depicted John the Baptist holding a bullfinch in his *Taddei Tondo*, and his Laurentian Library was designed for the Basilica of San Lorenzo. The only signed work by this sculptor depicts an unusually young woman holding her son. A mistranslation led this sculptor’s statue of Moses to have horns, while his most famous piece stands in the Galleria dell’Accademia and depicts a man before his battle with Goliath. For the point, name this Renaissance sculptor of marble works like the *Pieta* and *David*. (138)

ANSWER: Michelangelo

8. <DD>It’s not the crucible, but this play sees one character say that he would rather lose his purse than his good name. In this play, a discussion is held about a storm that destroyed the majority of the Turkish fleet. “Goats and Monkeys” is proclaimed by the title character of this play when he arrives at the central location. That character mentions how he took a circumcised dog “by the throat” and laments that he is a “base Indian”. At the beginning of this play, the villain is seen remarking that one character is making “the beast with two backs”. In this play, a handkerchief with a strawberry motif is used as evidence against desdemona, who is ultimately smothered. For ten points, name this Shakespearean tragedy play about Michael Cassio, Iago, and the titular moor.

ANSWER: Othello

9. <PS> Karna is the offspring of one of these deities with Kunti, and in Sumerian myth Utu is a god of this type. Tonatiuh is the Aztec god of this type because Tezcatlipoca's foot was eaten by Cipactli. Maui once attacked a god of this type, and the satyr Marsyas was flayed by one of these gods. In Chinese myth, five birds representing this were shot down by the archer Hou Yi. A god of this type sailed around the world every day in Egyptian myth, and a flayed pony was thrown at the Japanese deity of this type. That deity, whose temple in Ise is torn down and rebuilt every twenty years, hid in a cave after becoming angry at her brother. For the point, name this type of deity represented by Amaterasu, Ra, and Helios.

ANSWER: sun deities

10. <IM> Flywheel energy storage devices, which accelerate rotors to a very high speed and maintain the energy in the system as rotational energy, may be referred to by this term followed by battery. Jean Buridan's theory of impetus deals with this concept. Mach's principle is the idea that frames described by this term are determined by the large-scale distribution of matter. The "moment" of this is the rotational analogue of mass. For the point, name this resistance of any object to any change in its state of motion.

Answer: Inertia

11. <FW> The Clayton-Bulwer Treaty was a treaty this president signed with Britain over a canal in Nicaragua, and this president received Black Hawk's surrender. The Seminoles were defeated at a battle by Lake Okeechobee by this president. This president used the tactic of "flying artillery" to win the battle of Palo Alto during the Mexican American War, and this president won the battle of Buena Vista. This president favored admitting admitting California and New Mexico as free states in to the United States and opposed the Compromise of 1850. This president got cholera after eating strawberries and milk and subsequently died, leading to Millard Fillmore succeeding him. For the point, name this American president who was nicknamed "Old Rough and Ready."

ANSWER: Zachary Taylor

12. <LB> The Lantau Link, which includes the Tsing Ma Bridge, connects this city's airport on Chek Lap Kok Island to the mainland. It contains Victoria Harbor, and is home to Victoria Peak, which lies south of Shenzhen, and its economy became the first of Four Tiger Economies, along with Singapore, Taiwan, and South Korea. This city, with transportation options like the Star Ferry and Stonecutter's Bridge, lies on the Pearl River Delta. Inside a Special Administrative Zone that also includes Kowloon and the New Territories this is, for the point, what "fragrant harbor," a Chinese city that was a British Colony until 1997.

ANSWER: Hong Kong

13. <GD> This man attacked Heart of Darkness for its overt racism in his An Image of Africa. In this author's most famous novel, the protagonist is punished for beating one of his wives during the Week of Peace. The protagonist earlier had proved his strength when he defeated Amalinze the Cat in a wrestling match. Ikemefuna is murdered by the protagonist in that novel by this author which is the prequel to No Longer at Ease. After being exiled for murder, Okonkwo hangs himself at the end of that novel. For the point, name this Nigerian author of Things Fall Apart.

ANSWER: Chinua Achebe

14. <NP> Beethoven's fourth piece of this type was described as "a slender Greek maiden between two Norse giants." This musical form traditionally has four movements: an opening sonata, a slow adagio, a scherzo, and an allegro or sonata finale. Mahler deviated from that form in his first work of this type by using a "landler" folk dance for its second movement. Another work of this type by Mahler uses two "Nachtmusik" movements and calls for the use of cowbells. Beethoven's sixth piece in this genre was described as "more feeling than tone-painting" and includes movements titled "Scene by the brook" and "Shepherd's Song". For the point, name this musical form which includes Mahler's Titan and Beethoven's Pastoral. (116)

ANSWER: symphonies

15. <JF> A British surprise attack targeted a fleet of this nation docked at Mers el-Kebir. This country operated an internment camp named Drancy, where it sent Jewish citizens after the Vel d'Hiv Incident. "National Coffee" was a chickpea based drink made by citizens of this government. Albert Camus was the Editor-in-chief of Combat, an underground newspaper opposed to this nation. This government ran the Milice paramilitary organization, and it was set up in the namesake Spa town. This government used the slogan "Work, Family, Fatherland". Philippe Petain was a leader in this government. For the point, name this French puppet government of World War Two.

ANSWER: Vichy France

16. <LB> Veridical and falsidical types of these situations were created by Quine, and a famous one of these situations was resolved by Tarski, who required that no well-formed sentence contain its own truth predicate. One of these named for Gibbs addresses a violation of the second law of thermodynamics, and many of them were created by Zeno of Elea, who claimed that Achilles could never overtake a tortoise who has been given a head start, since he will always need time to reach the tortoise's previous position. "This sentence is false" is the famous "liar" one of, for the point, what statement or argument that contradicts itself.

ANSWER: paradox

17. <DD> While this song plays in the background, Gonzo attempts to consume a car tire on the first episode of the Muppet Show. This song, which was adapted into a video game chase scene where Rayman rides a Mosquito, is an orchestral interlude written for an opera by a man who composed the Russian Easter Festival Overture. This work closes the first tableau of act three, in which the magical swan-bird casts a spell to transform Prince Gvidon Saltanovich into the title creature. She says "go down secretly, get deep into a crack. Good luck, Gvidon, fly, only do not stay long" to him so he can visit his father, who thinks he has died. This piece is notable for its frantic and rapid pace, as well as its extensive uninterrupted chromatic runs of sixteenth notes. For ten points, name this piece that depicts the movement of a yellow striped insect, by Nikolai Rimsky-Korsakov.

ANSWER: Flight of the Bumblebee

18. <IM> One form of this process uses the photoelectric effect to measure energy of electrons emitted from solids, liquids, or gases. A more specific type of that process, developed by Kai Siegbahn, uses X-rays to analyze the surface chemistry of a material. Its EPR variety is used to probe free radicals. The "IR" form of this process investigates vibrational modes of a molecule, while the "mass" form of this process uses ionization to sort samples by their m to z ratio. For the point, name this study of the interaction between radiation and matter.

Answer: Spectroscopy [accept specific forms of spectroscopy]

19. <DD> This man decided that the political theory of the moon and the sun wasn't accurate or effective because the position of the moon is no way affirmed by that of the sun. This man wrote a sonnet "to every captive soul and gentle heart", after a vision in which his heart is devoured by the personification of love. In one book, this man sees the lovers Francesca and Paolo being blown around because of their lust and infidelity while on earth. The deceased body of Ruggieri is eaten by Ugolino in one section of a work by this man, in which a character is accosted by a lion, a leopard, and a She-wolf. That character, the narrator, is guided through the title location by the author of the Aeneid. For ten points, name this Poet and author of works about a man's journey through the three titular locations in the Divine Comedy.

ANSWER: Dante Alighieri

20. <IM> Deoxyribozymes are also referred to as the catalytic form of this molecule. Replication of this molecule starts at "ori" regions. Topoisomerases are enzymes that are involved in the overwinding or underwinding of this molecule. Its namesake ligase forms phosphodiester bonds between Okazaki fragments and RNA templates. For the point, name this nucleic acid which stores genetic material.

Answer: DNA

21. <RC> Though not Nicaragua, this region, which was explored by Francisco de Ulloa, was the site of a failed republic begun by William Walker. The Sierra de San Pedro Mártir run through a portion of this area's north, and the Vizcaino Desert is located in this region which maintains control of the Isla Ángel de la Guarda. Ensenada and Rosarito Beach are resort cities in this region, whose southern tip contains the city of Cabo San Lucas. This peninsula, which contains the delta of the Colorado River, borders the Sea of Cortez to its east, and in its far north one can find its largest city of Tijuana. For the point, name this Mexican peninsula whose name comes from the Spanish for "Lower California." (123)

ANSWER: Baja California Peninsula

22. <FW> One man said that this city was to have the only halal grain and this city contains the Cave of Ramban which is believed to be the final resting place of Nachmanides. After this city was captured during a war, photos of soldiers were taken praying in it. The prophet Paul was arrested in this city and taken to Caesura for a trial, and this city is the location of Mount Moriah. Cyrus the Great allowed the rebuilding of a structure in this city that Muhammad is said to have ascended into heaven at this city's Well of Souls. This city contains the Church of the Holy Sepulchre, and the Dome of the Rock. For the point, name this location of the Temple Mount, the capital of Israel and a holy city for the religions of Islam, Christianity, and Judaism.

ANSWER: Jerusalem

23. <PS> Zeus turned an Arcadian king into one of these animals after he cooked his son Nycteus, and the valkyrie Gunnr rides one of these animals. Two of them chase after the children of Mundilfari in Norse mythology, and two of them named are fed the table scraps of the god they serve who only drinks wine. One of these animals is bound by a rope constructed out of six impossible things, Gleipnir. Geri and Freki and both these animals, and Lycaon was turned into one of them. One of them bit off the hand of the god Tyr, and a pair of them chase after the sun and the moon. For the point, name these creatures, examples of which are Hati, Skoll, and Fenrir.

ANSWER: wolf [or wolves]

24. <IM> In a 1982 paper, David Raup and Jack Sepkoski identified five of these events. The Oxygen Catastrophe was likely the first major type of this event. Possible causes of the Cretaceous-Paleogene one include the Chicxulub impactor and Deccan Traps. The Holocene type of this event, also known as the Sixth or Anthropocene one, is the result of human activity. The Permian-Triassic one is sometimes known as the "Great Dying." In the K-T one, a large group of reptiles were wiped out, but birds and mammals survived. For the point, name these events in which an entire species dies.

Answer: Extinction Events

25. <JF> Civilians who fled at the end of this war were called the "boat people". The Strategic Hamlet Program was run during this war, which saw the making of the Taylor-Rostow Report. That report led to one side getting more aid from an ally. This war saw the use of a large tunnel complex at Cu Chi. One side's officers during this war included Creighton Abrams and William Westmoreland. During this war, William Calley was convicted of his part in the My Lai Massacre. Agent Orange was sprayed by one side during it, and Mary Ann Vecchio was the subject of a photo at a protest of this war. Bombing campaigns during it include Rolling Thunder and Arc Light. For the point, name this war between the US and a Southeast Asian country, instigated by the Gulf of Tonkin incident.

ANSWER: Vietnam War

26. <LB> The nurse Helen Ferguson scolds the protagonist, who receives treatment after being injured handing out macaroni. Miss Van Campen confiscates one character's alcohol, which she believes was the cause of his jaundice. This novel's protagonist plays billiards with Count Greffi after he receives a suit from the opera singer Ralph Simmons, allowing him entry into a hotel called the Iles Borromees. Lieutenant Rinaldi, a character who engages in "priest-baiting" introduces the protagonist to a woman who dies after giving birth to a stillborn child in Switzerland. The line "He looked very dead. It was raining." appears after Aymo's death in this novel whose protagonist deserts the army after the Battle of Caporetto. For the point, name this novel in which Frederic Henry falls in love with Catherine Barkley, written by Ernest Hemingway.

ANSWER: A Farewell to Arms

27. <LB> In Yevgeny Zamyatin's novel *We*, the engineer D-503 lives in the One State, a society made largely of this material. A character with this surname repeats the Jesus Prayer, and another meets Sybil Carpenter on a beach before shooting himself. Philip Johnson's former residence is named for this material, and an opera by a man with this last name includes five "knee plays." Another of that man's operas is titled for a word meaning "life out of balance." A Tennessee Williams' play is titled for a "Menagerie" of, for the point, what material that also acts as the surname of the composer of *Satyagraha* and *Einstein on the Beach*?

ANSWER: glass

28. <RC> In return for safety in a storm, one commander from this place promised to sacrifice the first thing he saw to Poseidon as soon as he returned to land. Two of the judges of the dead were from this region, and a giant automaton that circled this area three times every day had one vein that was secured by a bronze nail. Athens was forced to send a number of youths to this place after its ruler's son Androgeus was killed. Zeus abducted Europa and brought her to this island. The most famous creature from this place was killed by Theseus after he received help from Ariadne, a princess from here. For the point, name this Greek island where King Minos ordered Daedalus to construct the Labyrinth for the Minotaur.

ANSWER: Crete

Detroit Catholic Central Shamrock Quiz Bowl Camp
High School Tournament

Round 5

1. <DD>A Polaroid of one character's daughter is used against the protagonist in this book, in which a woman is told she is not able to complete simple addition because of a logical fallacy. The main character of this novel decides that sugar and butter will make a good lotion, and thinks that Jews were murdered in kitchens. The frame story of this novel included a discussion between two professors after the main text is found, abandoned on the "underground railroad". The protagonist of this novel plans an attack on aunt Elizabeth in this novel, which allows Moira to escape. This novel is about a dystopian society in which fertile women are captured and used to procreate for wealthy and powerful families in the Republic of Gilead. Name this book about Ofred by Canadian author Margaret Atwood.

ANSWER: The Handmaid's Tale

2. <IM> Along with Corey and Branson, this scientist is the namesake of an alternative name for the alpha helix motif. This man's five rules predict the crystal structures of ionic compounds. This scientist proposed the incorrect triple helical structure for DNA. This man advocated for high intake of Vitamin C to treat the common cold. On his electronegativity scale, fluorine is given a value of 4. For the point, name this Caltech scientist who is the only one to have Nobel prizes in both chemistry and peace.

Answer: Linus Pauling

3. <JF> Eric Spehl has been theorized to have caused this event. Herbert Morrison saw this event unfold and narrated it live on the radio. One theory for the cause of this event blames the phenomenon known as St. Elmo's Fire. Commander Rosendahl testified as to what he witnessed during this event. One survivor of this event was Ernst Lehmann. It occurred at Naval Air Station Lakehurst in New Jersey, and only one person on the ground was killed during it. That man was lineman Allen Hagaman. This event killed 36 people, and a reporter exclaimed "Oh the Humanity". For the point, name this event which saw a Nazi German airship crash and burn.

ANSWER: Hindenburg Disaster

4. <PS> Thor reaches this place by wading through the rivers Kormt and Ormt, and it is named after one figure's horse who used this place as his gallows. A golden rooster lives in this location and crows at dawn to signify light's victory over darkness, and this place is listed first among things that are the noblest of their kind. The four stags Duneyr, Durathror, Dvalinn, and Dainn live on it, and it is supported by three wells. The source of all rivers, the Roaring Kettle, lies below this place which is cared for by the Norns. This Aesir meet under this object at the Well of Urd and the squirrel Ratatosk runs across its branches. For the point, name this "World Tree" from Norse myth that Odin once hung himself from.

ANSWER: Yggdrasil

5. <RC> In this city, Peter Paul Rubens painted the ceiling of a building designed by Inigo Jones. Another building in this city contains the Whispering Gallery and a tomb which bears the inscription: "Reader, if you seek his monument, look around you." This city's tallest building, the One Canada Square, was designed by Cesar Pelli, and Joseph Paxton designed the Crystal Palace for this city's Great Exhibition of 1851. In addition to the Banqueting House at the Whitehall Palace, this city is home to Renzo Piano's Shard, Norman Foster's Gherkin, and St. Paul's Cathedral, which was remade by Christopher Wren after the Great Fire of 1666. For the point, name this European city where the Tower Bridge and Westminster Abbey lie along the River Thames. (124)

ANSWER: London

6. <RC> Under the leadership of Theseus, this city was successfully captured by the Epigoni, and during an unsuccessful attack on this city, Tydeus ate the brains of Melanippus. Two brothers from this city killed Dirce in revenge for the mistreatment of their mother, Antiope, and the walls of this city were constructed by those two brothers, Zethus and Amphion. Semele, was a princess of this city, which was founded by a man who followed a cow until it rested and sowed some dragon's teeth into the ground. After killing his father at a crossroads, a ruler of this place solved the riddle of the Sphinx and was given to his mother Jocasta in marriage. For the point, Polyneices led a group of seven warriors against which Greek city whose most famous residents included Cadmus, Antigone, and Oedipus? (136)

ANSWER: Thebes

7. <FW> The act of welcoming a deity or a spirit in this religion is called Puja and this religion has a naming ceremony twelve days after the birth of a newborn. One school of this religion's followers want to attain moksha, and shraddha rites in this religion are described in its law book, the Laws of Manu. Shankara founded the Smarta sect of this religion that has one of its books divided into Mandalas. This religion has four main goals and during the holiday of Holi, colorful powder is thrown by members of this religion. Another holiday celebrated by members of this religion, Diwali, celebrates the victory of good over evil. For the point, name this Indian religion that venerates deities such as Shiva.

ANSWER: Hinduism

8. <CS> An effect associated with these particles was initially described by Feynman's parton model. One of them was predicted by the GIM mechanism and they were first discovered by deep inelastic scattering at SLAC 1968. Five of them were found bound together in 2015. Symmetries between them are described by a model made by Gell-Mann called the Eightfold Way. These non-integer spin and charge particles create hadrons together when bound together from the strong nuclear force. For the point, name these particles that come in up and down, top and bottom, and charm and strange varieties that make up protons and neutrons.

Answer: Quarks

9. <DD> This man, a graduate of St. Petersburg Conservatory, composed the Fiery Angels after he left his home country with the blessing of minister Anatoly Lunacharsky. This man, who married Carolina Codina, returned to the Soviet Union in 1936 with his children, where he composed Lieutenant Kijé. An operatic version of a novel whose events include the battle of Borodino was inspired by the Nazi invasion of this composer's home country. Along with War and Peace, a satirical opera by this composer features characters like the king of clubs and Pantalone, along with the jester Truffaldino. That work, the love for three oranges, was composed by this man, who created a "symphonic fairy tale for children" in 1936. In that work, the grandfather scolds one of the title characters for being out in the meadow alone. That character, who is represented by string instruments, is chased by a character represented by French horns. For ten points, name this Russian composer of Peter and the Wolf.

ANSWER: Sergei Prokofiev

10. <LB> One variety of this concept maximizes utility within a fixed budget, while another maximizes utility while minimizing expenditures. Those types of this quantity named for Alfred Marshall and John Hicks and are related in the Slutsky Equation. This quantity has a "kinked" type that appears in oligopolies. One form of this concept is on the Y-axis of the Keynesian Cross, and Giffen and Veblen goods have a positive slope for this quantity, whose graph normally has a negative slope. This quantity for inferior goods goes down as income increases, and in general, this quantity decreases as the price of a good rises. For the point, name this quantity describing the willingness of consumers to pay for a good or service, often contrasted with supply.

ANSWER: demand

11. <SG> One person from this country sailed to Charleston and commissioned four vessels including the Anti-George. The Logan Act was passed during an American war with this country, and that war was kicked off by an incident which saw the phrase "not a sixpence!" uttered. One man from this country was wounded at the Battle of Brandywine and served as George Washington's aide-de-camp. Following the XYZ Affair caused by this country's Minister Talleyrand, the undeclared Quasi War began between it and the United States. For ten points, name this European country that aided America in the Revolutionary War by sending people like the Marquis de Lafayette.

ANSWER: France

12. <DD> One character in this work comes to the conclusion that "there are bad dreams for those who sleep unwisely". That character, speaks to through dreams and visions to Renfield, who eats live birds, insects, and mice. The beginning of this epistolary novel sees the captain of the Demeter describing how he has seen a large dog creature in swirling fog and noticed the disappearance of his crew one by one. In this novel, one character realizes that his wife has been bitten by a creature in this novel after joining forces with Arthur Holmwood. An American in this novel uses a large Bowie knife in pursuit of the title character of this novel. That man, Quincey Morris, and Van Helsing chase down the titular reanimated corpse in what Bram Stoker novel about a vampire from Transylvania.

ANSWER: Dracula

13. <NP> An important precursor to this program which established the Massachusetts Connector saw six of Mitt Romney's eight vetoes overturned by the Massachusetts legislature. Two common problems that could lead to this program's "death spiral" include "free riding" and adverse selection, though both of them are countered by this program's individual mandate. Legal challenges to those mandates though were quelled in the landmark case *King v. Burwell* which upheld mandates along with federal subsidies for a certain financial product. An important provision of this program is the establishment of risk-corridors to protect insurance companies from financial losses incurred by accepting too many sick patients through individual state health exchanges. For the point, name this program which - despite being plagued with technical issues in its initial roll out - has seen uninsured rate of americans fall to 8.9% from 16% through the expansion of Medicaid and the removal of limits to health care access for people with pre-existing conditions.

ANSWER: Obamacare [accept Patient Protection and Affordable Care Act]

14. <PS> This man was nicknamed Silverheels while in the army, and he succeeded Oliver Ellsworth in his most famous role. In one case regarding the Alma Mater of Daniel Webster, this man resolved the debate on the nature of public versus private charters, and he was one of the American diplomats who were asked for bribes in the XYZ affair with France. This man accidentally set precedent for stealing lands from Native Americans in *Fletcher v. Peck*, and in response to one of his decisions, Andrew Jackson said "[This man] has made his decision; now let him enforce it." For the point, name this longest serving Chief Justice of the US who ruled the cases *Worcester v. Georgia* and *Marbury v. Madison*.

ANSWER: John Marshall

15. <IM> The Mariana mallard is believed to have arisen from the hybrid form of this process. It's not evolution, but the court-jester hypothesis suggests the abiotic forces function as the major driving force behind this process. The biologist Orator Cook coined the term in 1906. This process is facilitated by prezygotic and postzygotic barriers. An example of the natural form of this process is the diversity of the three-spined stickleback. This process comes in allopatric, peripatric, parapatric, and sympatric varieties. For the point, name this evolutionary process in which reproductive isolationism leads to the formation of new species.

Answer: Speciation

16. <SG> Major Henry Rathbone was wounded trying to catch the perpetrator of this event. The perpetrator of this event was killed by Boston Corbett while hiding in the burning Garrett Farmhouse, and it coincided with a similar attempt by Lewis Powell. Doctor Samuel Mudd was executed for aiding the perpetrator of this event, as was Mary Surratt, the subject of a famous photograph by Alexander Gardner. The perpetrator of this event yelled "Sic semper tyrannis!" before jumping off a balcony and breaking his leg during a performance of "Our American Cousin" at the Ford Theatre. For ten points, name this event which saw John Wilkes Booth kill the sixteenth president of the United States.

ANSWER: the assassination of Abraham Lincoln

17. <IM> Severo Ochoa won the 1959 Nobel Prize in Medicine for the discovery of an enzyme that could synthesize this molecule in the laboratory. This molecule's namesake world was first proposed by Alexander Rich in 1962. Northern blots study gene expression by detecting this molecule. Its namesake polymerase synthesizes both exons and introns. The 5-prime cap is added to the end of one type of this molecule. For the point, name this molecule with "transfer" and "messenger" varieties.

Answer: RNA [accept specific types of RNA]

18. <RC> When this group attacked Phrygia, Priam helped King Mygdon defend against them. Thersites mocked Achilles after he killed one of these people. One member of this group accidentally killed her sibling while on a deer hunt and tried to atone for that murder by joining the Trojan War. Otrera was one of these figures and was herself the mother of a number of these people through Ares. The Ninth Labor of Heracles involved retrieving the girdle of one of these figures, who cut off their right breast to allow them better mobility with the bow and arrow. This race mated with the Gargareans every year because they could not reproduce in their own ranks. For the point, Penthesilea and Hippolyta were queens of what legendary race of warrior women in Greek mythology? (132)

ANSWER: Amazons

19. This figure is the most important individual to maintain the *tulku* status, and one of them was once given a revolver by the Baron Mannerheim. The first part of this figure's title comes from a word meaning "ocean." The Nechung Oracle is consulted to find this figure, who is identified as an incarnation of Avalokiteshvara only if he can recognize the possessions of his predecessor. One of these figures founded the Tashilhunpo Monastery, which serves as the home to this person's second-in-command. The current one of these figures went into exile in Dharamsala, India, in 1959 after a revolt against the Chinese in his religion's namesake region. For the point, name this position currently held by Tenzin Gyatso, the spiritual leader of Tibetan Buddhism. (124)

ANSWER: Dalai Lama [prompt on lama]

20. <FW> To vote in this state, it was once required by law that you owned \$134 in property, which led to a rebellion in this state. The People's Convention in this state attempted to put forth a new state constitution that changed voting laws, and Thomas Dorr led a rebellion when that bill failed in this state. That rebellion occurred under governor Samuel Ward and during the presidency of John Tyler. Tyler refused to send troops to quell this rebellion and this state was founded by Roger Williams. This state is home to the oldest synagogue in the United States, the Touro synagogue, whose building was financed by the Jewish man Aaron Lopez who was denied citizenship in this state. The revolutionary John Brown sank the Gaspee off of the coast of this state. For the Point, name this state that is also called the "Providence Plantations."

ANSWER: Rhode Island

21. <DD>It's not Lucia di lammermoor, but this work recalls a "day of madness". In the premier of this work, Michael Kelly, who argued at length with this work's composer for the "right to stutter," played both Don Curzio, a gardener, and Basilio, a music teacher. In one section of this work, two soprano characters sing back and forth until they both sing the line "certo certo il capira" in unison. A page boy is given a ribbon by his godmother in this opera, and later he dresses as a flower girl. That boy jumps out a window to escape his master and breaks the flower pots of Antonio. In the aria "la vendetta", a lawyer vows to exact revenge upon the title character because he cause him to lose his love. For ten points, name this opera that continues the events of the Barber of Seville, a work by Wolfgang Amadeus Mozart.

ANSWER: The Marriage of Figaro

22. <LB> In one novel written in this language, Emine has an affair with Nuri Bey, a friend of Captain Michaelis. That author who wrote in this language wrote a work in which Jesus meets Don Quixote before being killed by an iceberg, a work he dubbed "a modern sequel" to a work in this language. A poet who wrote in this language says to "hope your journey is a long one" in one poem, and in another asks "What are we waiting for, assembled in the forum?" C.P. Cavafy wrote "Waiting for the Barbarians" in this language, which was also appears in the title of a novel centering on Zorba, a character created by Nikos Kazantzakis. Ismene refuses to help bury Polynices in a play written in this language used to write works like Oedipus Rex and Antigone. For the point, name this language used by Sophocles to write ancient tragedies.

ANSWER: Greek

23. <RC> This composer included the movements "Forest Legend" and "The Minstrel" in a work titled *Song of Lamentation*, and his third symphony, which quotes Nietzsche's "Midnight Song," contains a movement titled "Pan Awakes Summer Marches In." This composer, whose sixth symphony includes a theme named for his wife, Alma, wrote a work that quotes scenes from Goethe's *Faust* and includes a portion based on the Latin hymn "Veni Creator Spiritus." "The Lonely One in Autumn" and "Of Youth" are movements in a work by him that was inspired by Hans Bethge's translations of the poetry of Li Po. For the point, name this Austrian composer of the *Symphony of a Thousand* whose *Song of the Earth* was written to avoid the "curse of the ninth." (124)

ANSWER: Gustav Mahler

24. <IM> Electroplating uses these reactions to coat objects with a thin layer of material. Disproportionation is a type of this reaction in which a compound of intermediate oxidation state converts to two different compounds. These reactions are the foundation of electrochemical cells. A method for balancing these reactions involves working with the half-reactions of the overall reaction. Cellular respiration is a biological example of one of these reactions. For the point, name these reactions which involve electron transfer.

Answer: Redox Reactions

25. <RC> North of this body of water, the Lac de Gras serves as the source of the Coppermine River, which was frequently traversed by Samuel Hearne, the first European to cross this lake. Operation Morning Light recovered nuclear debris from this lake after the USSR's nuclear-powered satellite fell out of orbit and into this body. A capital city on this tenth-largest lake in the world by area was founded in the 1930s after the discovery of gold. Fort Providence and Fort Resolution are situated on this body of water, which receives the Hay River. The capital of the Northwest Territories, Yellowknife, lies on this lake, which is the source of Canada's longest river, the Mackenzie. For the point, name this deepest lake in North America which is the second largest lake in Canada behind the Great Bear Lake. (137)

ANSWER: Great Slave Lake

26. <RC> A Soren Kierkegaard work is titled *On the Concept of Irony with Continual Reference to* [this philosopher], who related a story by Diotima about love in response to a speech by Agathon. This philosopher demonstrated the immortality of the soul and his theory of recollection by showing a man's slave how to determine that one square is half the size of another. One work sees Lycon, Anytus, and Meletus bring charges against this man, who says that "the unexamined life is not worth living." After refusing Crito's offer to break him out of prison, this philosopher was forced to drink a poison containing hemlock as a punishment for corrupting the youth of Athens. For the point, name this ancient Greek philosopher who was condemned to death in the *Apology*, a dialogue written by his student Plato. (136)

ANSWER: Socrates

27. <JF> The Vanguard was the last type of this vehicle in the world to be launched. The French Gloire was a predecessor to this type of vehicle. The British Devastation-class was an early type of this vehicle. A battle between a British and German type of these vehicles was fought in 1940 in the Denmark Strait. The South Carolina was the first American Dreadnought, a subclass of this type of ship. During World War Two, the Italian ship Roma, a type of this ship, was sunk with a German Fritz X bomb. American types of this ship class weren't retired until the 1990s. During the Pearl Harbor attack, a "row" named after this vehicle was bombed, leading to the sinking of the USS Arizona. For the point, name this type of naval warship, with heavy armor and guns.

ANSWER: battleships

28. <DD> At the beginning of this poem, the narrator describes how "long [he] stood", gazing upon an area in which "morning equally lay". This work, which is said to be heavily misinterpreted, was later revealed to be written as a joke by its author. This work inspired its author's friend Edward Thomas to enlist in World War One after he read this poem. The speaker of this poem laments that he will be "telling this with a sigh, somewhere ages and ages hence". In this poem, the speaker wonders if he "should ever come back" and knows how "way leads on to way". The speaker comes upon the central decision when he spies that one choice was "grassy and wanted wear" while the other was "just as fair". The speaker notes that he "took the one less travelled by" and it has made "all the difference". For ten points, name this Robert Frost poem about two paths that "diverged in a yellow wood".

ANSWER: "The Road Not Taken"